

## Refine Search

### Search Results -

Terms	Documents
radiation and locator and L5	22

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L6

Refine Search

Recall Text

Clear

Interrupt

### Search History

 DATE: Wednesday, January 11, 2006    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>			
<u>L6</u>	radiation and locator and L5	22	<u>L6</u>
<u>L5</u>	166/254.1.ccls. or 166/253.1.ccls. or 166/254.2.ccls. or 166/255.1-255.2.ccls. or 166/66.ccls.	1035	<u>L5</u>
<u>L4</u>	20020104653	1	<u>L4</u>
<u>L3</u>	6431270.pn. or 2002/0104653 or 20030000300	5	<u>L3</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L2</u>	6370082.pn. or 6421298.pn. or 6516663.pn. or 5469916.pn. or 4386422.pn.	5	<u>L2</u>
<u>L1</u>	5279366.pn. or 5586084.pn. or 5626192.pn. or 6119777.pn. or 6253842.pn. or 6305467.pn.	6	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

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### Search Results -

Terms	Documents
L14 and L19	0

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L20

Refine Search

Recall Text

Clear

Interrupt

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### Search History

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DATE: Wednesday, January 11, 2006   [Printable Copy](#)   [Create Case](#)

**Set Name Query**

side by side

**Hit Count Set Name**

result set

*DB=USPT; PLUR=YES; OP=ADJ*

<u>L20</u>	l14 and L19	0	<u>L20</u>
<u>L19</u>	l13 and L18	28	<u>L19</u>
<u>L18</u>	l11 and l12	101	<u>L18</u>
<u>L17</u>	l4 and l9	0	<u>L17</u>
<u>L16</u>	l7 and l9	0	<u>L16</u>
<u>L15</u>	l9 and l10	0	<u>L15</u>
<u>L14</u>	valve and port and fluid chamber and L13	1032	<u>L14</u>
<u>L13</u>	actuator and (ball drop or drop ball or flow rate)	18653	<u>L13</u>
<u>L12</u>	coiled tubing or tubing string	7650	<u>L12</u>
<u>L11</u>	gamma ray detector or neutron detector	2042	<u>L11</u>
<u>L10</u>	electromagnetic coil	8705	<u>L10</u>
<u>L9</u>	casing collar locator	182	<u>L9</u>
<u>L8</u>	power and L7	35	<u>L8</u>
<u>L7</u>	l4 and L6	55	<u>L7</u>

<u>L6</u>	communicat\$3 or signal or transmit\$4	1763644	<u>L6</u>
<u>L5</u>	communicat\$3 and L4	42	<u>L5</u>
<u>L4</u>	radiation detect\$3 and L3	55	<u>L4</u>
<u>L3</u>	fluid passage\$3 and L2	32145	<u>L3</u>
<u>L2</u>	position\$3 or locat\$3	2616217	<u>L2</u>
<u>L1</u>	downhole tool and positioning	819	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
radiation and detect\$3 and L22	52

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L23





### Search History

DATE: Wednesday, January 11, 2006    [Printable Copy](#)    [Create Case](#)

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=USPT; PLUR=YES; OP=ADJ*

<u>L23</u>	radiation and detect\$3 and L22	52	<u>L23</u>
<u>L22</u>	l1 and L21	664	<u>L22</u>
<u>L21</u>	166/\$.ccls. or 175/\$.ccls.	53322	<u>L21</u>
<u>L20</u>	l14 and L19	0	<u>L20</u>
<u>L19</u>	l13 and L18	28	<u>L19</u>
<u>L18</u>	l11 and l12	101	<u>L18</u>
<u>L17</u>	l4 and l9	0	<u>L17</u>
<u>L16</u>	l7 and l9	0	<u>L16</u>
<u>L15</u>	l9 and l10	0	<u>L15</u>
<u>L14</u>	valve and port and fluid chamber and L13	1032	<u>L14</u>
<u>L13</u>	actuator and (ball drop or drop ball or flow rate)	18653	<u>L13</u>
<u>L12</u>	coiled tubing or tubing string	7650	<u>L12</u>
<u>L11</u>	gamma ray detector or neutron detector	2042	<u>L11</u>
<u>L10</u>	electromagnetic coil	8705	<u>L10</u>

<u>L9</u>	casing collar locator	182	<u>L9</u>
<u>L8</u>	power and L7	35	<u>L8</u>
<u>L7</u>	l4 and L6	55	<u>L7</u>
<u>L6</u>	communicat\$3 or signal or transmit\$4	1763644	<u>L6</u>
<u>L5</u>	communicat\$3 and L4	42	<u>L5</u>
<u>L4</u>	radiation detect\$3 and L3	55	<u>L4</u>
<u>L3</u>	fluid passage\$3 and L2	32145	<u>L3</u>
<u>L2</u>	position\$3 or locat\$3	2616217	<u>L2</u>
<u>L1</u>	downhole tool and positioning	819	<u>L1</u>

END OF SEARCH HISTORY